



# CALIBRATION CERTIFICATE

Form No. 622, Dec 2005

a xylem brand

Sensing Foil Batch No: 1023  
Certificate No: 5013 19 1312

Product: 5013  
Serial No: 19  
Calibration Date: October 16, 2015

This is to certify that this product has been calibrated using the following instruments:

Fluke CHUB E-4	Serial No. A7C677
Fluke 5615 PRT	Serial No. 849155
Fluke 5615 PRT	Serial No. 802054
Honeywell PPT	Serial No. 44074
Calibration Bath model FNT 321-1-40	1

**Parameter: Internal Temperature:**

**Calibration points and readings:**

Temperature (°C)	-	-	-	-
Reading (mV)	-	-	-	-

**Giving these coefficients**

Index	0	1	2	3
TempCoef	2.65834E+01	-3.10940E-02	2.93876E-06	-4.33055E-09

\*Note: Temperature calibration NOT performed

**Parameter: Oxygen:**

	O2 Concentration	Air Saturation
Range:	0-500 µM <sup>1)</sup>	0 - 120%
Accuracy <sup>1)</sup> :	< ±8µM or ±5%(whichever is greater)	±5%
Resolution:	< 1 µM	< 0.4%
Settling Time (63%):	< 25 seconds	

**Calibration points and readings<sup>2)</sup>:**

	Air Saturated Water	Zero Solution (Na <sub>2</sub> SO <sub>3</sub> )
Phase reading (°)	3.35638E+01	6.48618E+01
Temperature reading (°C)	1.01094E+01	2.25100E+01
Air Pressure (hPa)	1.00700E+03	

**Giving these coefficients**

Index	0	1	2	3
PhaseCoef	-7.54593E+00	1.22715E+00	0.00000E+00	0.00000E+00

<sup>1)</sup> Valid for 0 to 2000m (6562ft) depth, salinity 33 - 37ppt

<sup>2)</sup> The calibration is performed in fresh water and the salinity setting is set to: 0

Date:  
October 16, 2015

Signed: Jason B Baxter